

10/597,62 PALM INVENTOR SEARCH

Day : Tuesday  
Date: 5/13/2008

Time: 09:35:57

## PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = LU

First Name = ZHAOLIN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10597162	Not Issued	71	07/13/2006	Optical Coupler For Coupling An Optical Fiber Into A Waveguide	LU, ZHAOLIN
11786670	Not Issued	30	04/12/2007	Electromagnetic/optical tweezers using a full 3D negative-refraction flat lens	LU, ZHAOLIN
60536631	Not Issued	159	01/15/2004	TIR-evanescent coupler for fiber-to-waveguide integration of planar optoelectronic devices	LU, ZHAOLIN
60791537	Not Issued	159	04/12/2006	Electromagnetic/optical tweezers using a full 3D negative-refraction flat lens	LU, ZHAOLIN

Inventor Search Completed: No Records to Display.

Search Another: Inventor	Last Name <input type="text" value="lu"/>	First Name <input type="text" value="zhaolin"/>	<input type="button" value="Search"/>
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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = PRATHER

First Name = DENNIS

Applications	Patent#	Status	Date Filed	Title	Inventor Name
10695425	Not Issued	161	10/28/2003	Method and apparatus for reconfigurable photonic crystal device	PRATHER, DENNIS
60308603	Not Issued	159	07/31/2001	Optical networks on a chip using photonic bandgap materials	PRATHER, DENNIS
60405709	Not Issued	159	08/26/2002	Method for fabricating optical devices in photonic crystal structures	PRATHER, DENNIS
60432012	Not Issued	159	12/10/2002	Method for fabricating suspended photonic crystal structures using (111) single crystal silicon (SCS)	PRATHER, DENNIS
60459604	Not Issued	159	04/03/2003	Method for generating a negative tone resist image	PRATHER, DENNIS
60481196	Not Issued	159	08/08/2003	METHOD FOR CREATING FLIP-CHIP CONDUCTIVE-POLYMER BUMPS USING PHOTOLITHOGRAPHY AND POLISHING	PRATHER, DENNIS
60489096	Not Issued	159	07/23/2003	Incorporation of photonic bandgap diffractive elements into the active regions of semiconductor lasers and methods of making microdisk resonators	PRATHER, DENNIS
60503289	Not Issued	159	09/16/2003	Three dimensional lithography based on image reversal	PRATHER, DENNIS
60521547	Not Issued	159	05/20/2004	HIGH-EFFICIENCY BROADBAND TRANSMISSION PLANAR PHOTONIC CRYSTAL WAVEGUIDE	PRATHER, DENNIS
60523370	Not Issued	159	11/19/2003	Fiber Bragg grating compression sensor	PRATHER, DENNIS
60550423	Not Issued	159	03/05/2004	Optical phase modulator using self-collimation in photonic crystal	PRATHER, DENNIS

60550502	Not Issued	159	03/05/2004	High-efficiency optical phase modulator	PRATHER, DENNIS
60575074	Not Issued	159	05/27/2004	Three-dimensional lithographical fabrication with mismatched resist and exposure source	PRATHER, DENNIS
60801444	Not Issued	159	05/18/2006	Silicon laser	PRATHER, DENNIS
10534518	7255804	150	08/13/2004	PROCESS FOR MAKING PHOTONIC CRYSTAL CIRCUITS USING AN ELECTRON BEAM AND ULTRAVIOLET LITHOGRAPHY COMBINATION	PRATHER, DENNIS W
09912944	6603558	150	07/25/2001	MICRO-RING CAVITY GYROSCOPE WITH MAGNETIC FIELD LOCK-IN MINIMIZATION	PRATHER, DENNIS W.
10139991	6782169	150	05/06/2002	SYSTEM FOR EFFICIENT COUPLING TO PHOTONIC CRYSTAL WAVEGUIDES	PRATHER, DENNIS W.
10166843	6832033	150	06/11/2002	HETERO-STRUCTURE PHOTONIC BANDGAP MATERIALS	PRATHER, DENNIS W.
10166850	6891993	150	06/11/2002	MULTI-CHANNEL WAVELENGTH DIVISION MULTIPLEXING USING PHOTONIC CRYSTALS	PRATHER, DENNIS W.
10295642	7194497	150	11/15/2002	HARDWARE-BASED ACCELERATOR FOR TIME-DOMAIN SCIENTIFIC COMPUTING	PRATHER, DENNIS W.
10502071	Not Issued	89	07/19/2004	Electro-optical switching using coupled photonic crystal waveguides	PRATHER, DENNIS W.
10517224	7295939	150	12/08/2004	HARDWARE IMPLEMENTATION OF THE PSEUDO-SPECTRAL TIME-DOMAIN METHOD	PRATHER, DENNIS W.
10525763	Not Issued	95	08/25/2005	METHOD FOR FABRICATING OPTICAL DEVICES IN PHOTONIC CRYSTAL STRUCTURES	PRATHER, DENNIS W.
10597162	Not Issued	71	07/13/2006	Optical Coupler For Coupling An Optical Fiber Into A Waveguide	PRATHER, DENNIS W.
10707854	7157296	150	01/16/2004	ETCHLESS FABRICATION OF PLANAR PHOTONIC CRYSTAL	PRATHER, DENNIS W.

				STRUCTURES IN HIGH REFRACTIVE INDEX MATERIAL	
10710870	7109107	150	08/09/2004	METHOD FOR CREATING FLIP-CHIP CONDUCTIVE- POLYMER BUMPS USING PHOTOLITHOGRAPHY AND POLISHING	PRATHER, DENNIS W.
10808895	7337265	150	03/24/2004	ORGANIZATION OF CACHE MEMORY FOR HARDWARE ACCELERATION OF THE FINITE-DIFFERENCE TIME- DOMAIN METHOD	PRATHER, DENNIS W.
10820517	7057250	150	04/08/2004	TERAHERTZ FREQUENCY BAND WAVELENGTH SELECTOR	PRATHER, DENNIS W.
10970519	Not Issued	61	10/21/2004	Wave detection methods and apparatus	PRATHER, DENNIS W.
10992047	7050662	150	11/18/2004	FIBER BRAGG GRATING COMPRESSION SENSOR SYSTEM	PRATHER, DENNIS W.
11040430	7170096	150	01/21/2005	ANTIMONIDE-BASED OPTICAL DEVICES	PRATHER, DENNIS W.
11100861	7340695	150	04/07/2005	REFORMULATION OF THE FINITE-DIFFERENCE TIME- DOMAIN ALGORITHM FOR HARDWARE-BASED ACCELERATORS	PRATHER, DENNIS W.
11307148	Not Issued	30	01/25/2006	ZERO-ALIGNMENT METHOD FOR TUNABLE FABRICATION OF THREE-DIMENSIONAL PHOTONIC CRYSTALS BY MULTIPLE-EXPOSURE LASER INTERFERENCE USING DIFFRACTION GRATINGS PATTERNEDE ON A SINGLE MASK	PRATHER, DENNIS W.
11330088	Not Issued	30	01/12/2006	Micro polymerization catalyzed by external acid source for chemical lithography	PRATHER, DENNIS W.
11401717	Not Issued	95	04/11/2006	TERAHERTZ FREQUENCY BAND WAVELENGTH SELECTOR	PRATHER, DENNIS W.
11424362	Not Issued	41	06/15/2006	FABRICATION OF THREE- DIMENSIONAL PHOTONIC CRYSTALS IN GALLIUM	PRATHER, DENNIS W.

ARSENIDE-BASED MATERIAL				
11427832	Not Issued	30	06/30/2006	FABRICATION OF QUANTUM DOTS EMBEDDED IN THREE-DIMENSIONAL PHOTONIC CRYSTAL LATTICE
11569602	Not Issued	19	01/01/0001	METHOD FOR MAKING THREE-DIMENSIONAL STRUCTURES ON A SUBSTRATE HAVING MICRON DIMENSIONS, AND AN ARTICLE OF MANUFACTURE HAVING THREE-DIMENSIONAL OBJECTS ON A SUBSTRATE WITH MICRON DIMENSIONS
11786670	Not Issued	30	04/12/2007	Electromagnetic/optical tweezers using a full 3D negative-refraction flat lens
60297389	Not Issued	159	06/11/2001	Multi-channel wavelength division multiplexing using photonic crystals
60297390	Not Issued	159	06/11/2001	Hetero-structure photonic band gap materials
60317413	Not Issued	159	09/05/2001	Coupling technology in photonic crystal: J-coupler from dielectric waveguide to photonic crystal waveguide
60333810	Not Issued	159	11/19/2001	Hardware implementation of the finite-difference time-domain (FDTD) method for electromagnetic calculations
60350749	Not Issued	159	01/22/2002	Electro-optical two-by-two switching in a photonic bandgap waveguided coupler
60357184	Not Issued	159	02/15/2002	Process for making large area photonic crystal circuits using an electron beam and ultraviolet lithography combination
60385470	Not Issued	159	06/03/2002	Tunable photonic crystal devices
60390993	Not Issued	159	06/24/2002	Hardware implementation of the pseudo-spectral time-domain method for electromagnetic calculations
60458482	Not	159	03/28/2003	Organization of cache memory for

	Issued			hardware acceleration of the finite-difference time-domain method	DENNIS W.
60464353	Not Issued	159	04/22/2003	Etchless fabrication of planar photonic crystal structures in high refractive index material	PRATHER, DENNIS W.
60484833	Not Issued	159	07/03/2003	Method for fabricating three-dimensional photonic crystals using a single planar etch mask and deep reactive-ion/plasma etching	PRATHER, DENNIS W.

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# PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = PRATHER

First Name = DENNIS

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60484859	Not Issued	159	07/03/2003	Ultra-low propagation loss photonic crystal dispersion guiding structure	PRATHER, DENNIS W.
60510493	Not Issued	159	10/10/2003	Method and apparatus for directing electromagnetic waves in photonic crystals	PRATHER, DENNIS W.
60511887	Not Issued	159	10/16/2003	Photonic crystal emitter with dispersion-based extraction	PRATHER, DENNIS W.
60512891	Not Issued	159	10/21/2003	Wave detector	PRATHER, DENNIS W.
60536631	Not Issued	159	01/15/2004	TIR-coupler for fiber-to-waveguide integration of planar optoelectronic devices	PRATHER, DENNIS W.
60538561	Not Issued	159	01/23/2004	10GHz, AlGaAsSb/AlGaSb photodetectors for 1550nm operating wavelength	PRATHER, DENNIS W.
60538569	Not Issued	159	01/23/2004	Method for realizing sub-surface silicon optical bus using dispersion engineering of photonic crystals (PhCs) for chip-scale optical interconnects	PRATHER, DENNIS W.
60538570	Not Issued	159	01/23/2004	Efficient effective index method for band diagram calculation of planar structures	PRATHER, DENNIS W.
60538571	Not Issued	159	01/23/2004	High-fill factor, flip chip integrated avalanche photodetectors for non-invasive glucose monitoring using near-infrared absorption spectroscopy	PRATHER, DENNIS W.
60560546	Not Issued	159	04/08/2004	Reformulation of the finite-difference time-domain algorithm for hardware-based accelerators	PRATHER, DENNIS W.
60579491	Not	159	06/14/2004	High-density storage based on	PRATHER,

	Issued			optically resonant structures	DENNIS W.
60580239	Not Issued	159	06/16/2004	Lithographical fabrication of micro-channels and micro-cavities	PRATHER, DENNIS W.
60642662	Not Issued	159	01/10/2005	Method for the hardware-acceleration of software algorithms	PRATHER, DENNIS W.
60642988	Not Issued	159	01/12/2005	Micro polymerization catalyzed by external acid source for chemical lithography	PRATHER, DENNIS W.
60646796	Not Issued	159	01/25/2005	Zero-alignment method for tunable fabrication of three-dimensional photonic crystals by multiple-exposure laser interference using diffraction gratings patterned on a single mask	PRATHER, DENNIS W.
60690504	Not Issued	159	06/15/2005	Fabrication of three-dimensional photonic crystals in gallium arsenide-based material	PRATHER, DENNIS W.
60696245	Not Issued	159	07/01/2005	Fabrication of quantum dots embedded in three-dimensional photonic crystal lattice	PRATHER, DENNIS W.
60791537	Not Issued	159	04/12/2006	Electromagnetic/optical tweezers using a full 3D negative-refraction flat lens	PRATHER, DENNIS W.
09050960	6061135	150	03/31/1998	EFFICIENT SPATIAL IMAGE SEPARATOR	PRATHER, DENNIS W.
60430656	Not Issued	159	12/04/2002	Low loss waveguide structures in photonic integrated circuits	PRATHER, DENNIS W.

Inventor Search Completed: No Records to Display.

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